



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

JUN 7 2000

400 Seventh Street, S.W.
Washington, D.C. 20590

DOT-E 8255
(FOURTH REVISION)

EXPIRATION DATE: May 31, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Applied Companies
Valencia, CA

2. PURPOSE AND LIMITATIONS:

This exemption authorizes the manufacture, mark, sale and use of a non-reusable (non-refillable) non-DOT specification welded steel cylinder conforming with all regulations applicable to a DOT specification 39 cylinder, except as specified herein, for the transportation in commerce of the materials authorized by this exemption. This exemption provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated herein.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171- 180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 173.302(a), 175.3 in that non-DOT specification cylinders are not authorized.
5. BASIS: This exemption is based on the application of Applied Companies dated April 17, 2000, submitted in accordance with § 107.109.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Material Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Air, Compressed	2.2	UN1002	N/A
Argon, Compressed	2.2	UN1006	N/A
Nitrogen, Compressed	2.2	UN1066	N/A
Helium, Compressed	2.2	UN1046	N/A

7. SAFETY CONTROL MEASURES:

PACKAGING - Packaging prescribed is a non-reusable (non-refillable) non-DOT specification welded steel cylinder made in compliance with Applied Equipment Company's drawing 169-34 and revisions thereto on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA), and DOT 39 Specification (§ 173.65) except as follows:

§ 178.65(a) *Type, size, service pressure and test pressure.*

Each cylinder must be of welded construction.

- (1) Maximum water capacity is 60 cubic inches. The marked service pressure must not exceed 5,250 psi.
- (2) The test pressure is 8,750 psi.
- (3) * * *

§ 178.65(b) *Material.*

The steel authorized is open-hearth, basic oxygen or electric steel of uniform quality complying with AISI 4130 steel.

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§ 178.65(c) *Manufacture.*

(1) Add

(iv) The cylinder must be fabricated by girth welding two end caps onto a seamless tubing.

(2), (3) and (4) * * *

§ 178.65(f) *Pressure tests.*

(1) * * *

(2) * * *

(i) A failure occurs at a gage pressure less than 13,125 psi;

* * *

§ 178.65(i) *Markings.*

Applies except the cylinder must be marked "DOT-E 8255" instead of "DOT 39".

8. SPECIAL PROVISIONS:

a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the packaging authorized by this exemption for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this exemption.

b. A person who is not a holder of this exemption, but receives a package covered by this exemption, may reoffer it for transportation provided no modifications or changes are made to the package and it is offered for transportation in conformance with this exemption and the HMR.

c. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

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d. Each packaging manufactured under the authority of this exemption must be marked with a registration symbol designated by the Office of Hazardous Materials Exemptions and Approvals for a specific manufacturing facility.

e. A current copy of this exemption must be maintained at each facility where the package is manufactured under this exemption. It must be made available to a DOT representative upon request.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, cargo aircraft only.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel or aircraft used to transport packages covered by this exemption. The shipper shall furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, Parts 171-180.
 - o Registration required by § 107.601 et seq., when applicable.

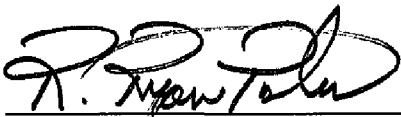
Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for

Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must also inform the AAHMS, in writing, as soon as practicable of any incidents involving the package and shipments made under this exemption.

Issued at Washington, D.C.



for Robert A. McGuire
Acting Associate Administrator for
Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for
Hazardous Materials Safety, Research and Special Programs
Administration, Department of Transportation, Washington, D.C.
20590. Attention: DHM-31.

The original of this exemption is on file at the above office.
Photo reproductions and legible reductions of this exemption
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prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S.
Department of Transportation, 400 7th Street, S.W.,
Washington, DC 20590-0001, Attention: Records Center, 202-366-
5046.

PO: KFW